	Application No.	Applicant(s)
Notice of Allowability	10/712,513	VICENTE, MARIA DA GRACA HENRIQUES
	Examiner	Art Unit
	Maureen M. Wallenhorst	1743
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to the amendment received on May 17, 2007.		
2. The allowed claim(s) is/are 1, 3-6, 8-18 (renumbered 1-16).		
 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some* c) None of the: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 		
4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of 		
each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. ☐ Notice of Informal P 6. ☐ Interview Summary Paper No./Mail Dat 7. ☐ Examiner's Amendr 8. ☑ Examiner's Stateme 9. ☐ Other	(PTO-413), te

Art Unit: 1743

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: Application serial no. 10/712,513 is being allowed since none of the prior art of record teaches or fairly suggests a method for selectively binding a neutral, a positively-charged or a negatively-charged molecule by contacting the molecule with a porphyrin macrocycle having one or more carboranyl groups linked thereto by carbon-carbon bonding, wherein the porphyrin macrocycle has the formula I as set forth in claim 1, and wherein the selective binding between the molecule and the porphyrin macrocycle occurs through either a) coordination to a pentacoordinated or hexacoordinated metal ion in the core of the porphyrin macrocycle, b) electrostatic interaction with one or more carboranyl groups on the porphyrin macrocycle or c) pie-pie (porphyrin macrocycle, and wherein one of the types of selective binding between the molecule and the porphyrin macrocyle as set forth in a)-c) only occurs when one of the following conditions is met: d) the metal in the porphyrin macrocycle is iron, manganese, aluminum or tin, or e) at least one of R3, R4, R5 and R6 is a substituted phenyl having structure II and having at least one carboranyl group at R7 or R11, or f) at least one of R3, R4, R5 and R6 is a substituted phenyl having structure II and having at least one carboranyl group that is a closo-carboranyl group.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 10/712,513

Art Unit: 1743

2.

Page 3

examiner should be directed to Maureen M. Wallenhorst whose telephone number is 571-272-

Any inquiry concerning this communication or earlier communications from the

1266. The examiner can normally be reached on Monday-Thursday from 6:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Jill Warden, can be reached on 571-272-1267. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Maureen M. Wallenhorst Primary Examiner Art Unit 1743

mmw

May 24, 2007

MAUREEN M. WALLENHORST
PRIMARY EXAMINER
GROUP 100 (700